IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application Transmittal

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Sir:

Transmitted herewith for filing is the Patent Application of:

Inventor: Cary L. Bates et al.

MANAGING BREAKPOINTS For:

ASSIGNEE NAME: INTERNATIONAL BUSINESS MACHINES CORPORATION ASSIGNEE RESIDENCE: ARMONK, NEW YORK

Enclosed are:

25 Pages of Specification and 1 Abstract

8 Sheets of Drawings

A Declaration and Power of Attorney

An Information Disclosure Statement and form PTO/SB/08A

A certified copy of Japanese Application

An assignment of the invention to International Business Machines Corporation, Armonk, New

York 10504

The filing fee has been calculated as follows:

Other Than Small Entity

Rate	Fee		
	\$ 750.00		
x \$18.00=	630.00		
x \$84.00=	756.00		
\$280.00	0.00		
TOTAL	\$ 2136.00		

For:	No. Filed		No. Extra	
Basic Fee				
Total Claims	55	-20 =	35	
Indep. Claims	12	-3 =	9	
Multiple Dependent Claim Presented				

EXPRESS MAIL CERTIFICATE

Express Mail Label No.: <u>ET747048521US1</u>

Date:

September 18, 2003

I hereby certify that I am depositing the enclosed or attached paper with the U.S. Postal Service "Express Mail Post Office to Addressee" service on the above date, addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandra, VA 22313-1450.

Patent Application Transmittal Attorney Docket No. ROC920030177US1 Deposit Account Authorization:

- Please charge Deposit Account No. 09-0465 in the amount of \$2136.00. A duplicate copy of this sheet is enclosed.
- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 09-0465. A duplicate copy of this sheet is enclosed.

Any additional filing fees required under 37 C.F.R. §1.16.

 $\overline{|X|}$ Any patent application processing fees under 37 C.F.R. §1.17.

Respectfully submitted,

Date: September 18, 2003

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